

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1466	361/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 11:30
S2	2445	(square adj d).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:30
S3	183	(square adj d).as. and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:30
S4	14	(square adj d).as. and ground adj fault and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:33
S5	41	(square adj d).as. and ground adj fault and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:42
S6	44	(square adj d).as. and reid.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:49
S7	26	(square adj d).as. and brown.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:50
S8	2	(square adj d).as. and ul adj "943"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:43

## EAST Search History

S9	543311	(current adj transformer) ct	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:43
S10	40235	(current adj transformer) ct same neutral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:52
S11	2873	analog adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:44
S12	21	analog adj memory same trip\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 10:00
S13	5	analog adj memory same half adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:48
S14	34656	(current adj transformer) ct same neutral same resonan\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:52
S15	34629	(current adj transformer) ct same neutral same resonan\$6 same circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:52
S16	34595	(current adj transformer) ct same neutral same resonan\$6 same circuit same pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:53

## EAST Search History

S17	7	((current adj transformer) ct) same neutral same resonan\$6 same circuit same pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:53
S18	12	("3597656"   "3638072"   "3713003").PN. OR ("3794884").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/15 16:21
S19	1	("4053815").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/15 16:21
S20	16	("3638072"   "3713003"   "3754194"   "3786356"   "3800189"   "3801871"   "3879639").PN. OR ("4053815").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/15 16:35
S21	1	"4109308".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/15 16:35
S22	14	("2877308"   "3942095"   "4054835").PN. OR ("4109308").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/15 16:39
S23	2	"5136458".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 17:04
S24	50	("4096539"   "4121269"   "4208693"   "4331997"   "4331998"   "4331999"   "4335413"   "4335437"   "4338647"   "4351012"   "4351013"   "4377836"   "4377837"   "4380785"   "4419619"   "4428022"   "4476511"   "4486803"   "4535409"   "4550360"   "4631625"   "4680706"   "4682264"   "4689712"   "4706155"   "4709339"   "4717985"   "4747061"   "4783748"   "4794369"   "4794484"   "4803635"   "4833564"   "4853819").PN. OR ("5136458").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/15 17:07
S25	9	("4408190"   "4631625"   "5136458"   "5254993").PN. OR ("5675336").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 09:41
S26	5	365/228.ccls. and circuit adj breaker	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 09:48

## EAST Search History

S27	66584	power adj loss same capacitor same charge and circuit breaker	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 09:48
S28	15	power adj loss same capacitor same charge and circuit adj breaker	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 09:48
S29	418	(lose loss) near power same breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 10:01
S30	1	(lose loss) near power same breaker same analog adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 10:03
S31	9	("4408190"   "4631625"   "5136458"   "5254993").PN. OR ("5675336").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:01
S32	43	(lose loss) near power same breaker same capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 10:03
S33	3	(lose loss) near power same breaker same capacitor same (controller microcontroller processor microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 10:38
S34	16	("3585451"   "4072997"   "4153924"   "4195254"   "4291355"   "4328551"   "4345292"   "4377836"   "4446498").PN. OR ("4616324").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:14
S35	17	("4597025"   "4616324"   "5101315"   "5283708"   "5303160"   "5325315"   "5418677").PN. OR ("5644510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:37
S36	4	(controller microcontroller processor microprocessor) same trip near delay same breaker same capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:05

## EAST Search History

S37	3990	memory adj capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:05
S38	21	memory adj capacitor and breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:38
S39	54	memory near capacitor and power near (loss lose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:39
S40	47	memory near capacitor and power near (loss lose) not thermal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:42
S41	0	memory near capacitor and power near (loss lose) and half adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:43
S42	487	power near (loss lose) and half adj wave and (microcontroller controller processor microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:44
S43	335	power near (loss lose) and half adj wave and (microcontroller controller processor microprocessor) and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:44
S44	163	power near (loss lose) and half adj wave and (microcontroller controller processor microprocessor) and capacitor same charge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:45

## EAST Search History

S45	35	power near (loss lose) and half adj wave and (microcontroller controller processor microprocessor) and capacitor and "361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:56
S46	83	power near (loss lose) and half adj wave and (microcontroller controller processor microprocessor) and capacitor same timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:18
S47	183	capacitor same sampl\$3 same set same (microcontroller controller processor microprocessor) and capacitor same timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:19
S48	62	capacitor same sampl\$3 same set same memory same (microcontroller controller processor microprocessor) .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:20
S49	0	capacitor same sampl\$3 same set same memory same (microcontroller controller processor microprocessor) same breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:20
S50	1	capacitor same sampl\$3 same set same (microcontroller controller processor microprocessor) same breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:21
S51	10	capacitor same sampl\$3 same set same (microcontroller controller processor microprocessor) and breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:23
S52	82	capacitor same sampl\$3 same (microcontroller controller processor microprocessor) and breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:23

## EAST Search History

S53	11	capacitor same sampl\$3 same (microcontroller controller processor microprocessor) same breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 12:23
S54	137	("4276605"   "4338647"   "4423459"   "4497010"   "4550360").PN. OR ("4631625"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 12:33
S55	82	analog adj memory and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 13:03
S56	15	analog adj memory and power near (loss lose)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 12:52
S57	50	hakkarainen.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 12:52
S58	6	hakkarainen.in. and (general adj electric).as.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 12:54
S59	1	hakkarainen.in. and analog adj memory	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 12:54
S60	27	analog adj memory and "361".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 13:03
S61	16	("3585451"   "4072997"   "4153924"   "4195254"   "4291355"   "4328551"   "4345292"   "4377836"   "4446498").PN. OR ("4616324").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 13:04
S62	17	("4597025"   "4616324"   "5101315"   "5283708"   "5303160"   "5325315"   "5418677").PN. OR ("5644510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 13:07

## EAST Search History

S63	40	("3512045"   "3611038"   "3800121"   "4034267"   "4093977"   "4115829"   "4173774"   "4205358"   "4271444"   "4347540"   "4672501"   "4685022"   "4688134"   "4783713"   "5019956"   "5047890"   "5241443"   "5309311"   "5334912"   "5361183"   "5521787"   "5552952"   "5644510"   "5745322"   "5835322"   "5966280"   "5969921"   "6002563"   "6091591"   "6246332"   "6246556"   "6249230"   "6266219"   "6278381"   "6278596"   "6320731"   "6327124"   "6329785"   "6583975").PN. OR ("7016171").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 14:24
S64	5	("5581170"   "5600575"   "5644510"   "5943203").PN. OR ("6600641").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 14:39
S65	23	("0075296"   "3223587"   "4213165"   "4271447"   "4337837"   "4423459"   "4428021"   "4685022"   "4689712"   "4703389"   "5057962"   "8805973").PN. OR ("5283708").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 14:53
S66	13488	(micro\$1controller microcontroller) and interval	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 14:55
S67	1979	(micro\$1controller microcontroller) same interval	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 14:56
S68	96	(micro\$1controller microcontroller) same interval same capacitor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 14:56
S69	29	(micro\$1controller microcontroller) same interval same capacitor same charge	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:13
S70	16	external adj capacitor same (micro\$1controller microcontroller)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:13
S71	6	("5093584"   "5862170"   "6346848"   "6483372"   "6509783"   "6811309").PN. OR ("6922084"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:18
S72	2	capacitor same below same below same voltage same (micro\$1controller microcontroller) same sample	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:19



## EAST Search History

S73	2	capacitor same below same voltage same (micro\$1controller microcontroller) same sample	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:20
S74	0	anaolog adj in adj digital adj out	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:21
S75	0	analog adj in adj digital adj out	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:21
S76	3	analog adj in with digital adj out	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:21
S77	0	do near ai	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 15:22
S78	17	("4597025"   "4616324"   "5101315"   "5283708"   "5303160"   "5325315"   "5418677").PN. OR ("5644510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 16:21
S79	51	capacitor with sampling with rate with control\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 16:42
S80	198	breaker same microcontroller	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 16:42
S81	230	breaker same (microcontroller micro\$1controller)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 16:42
S82	3	breaker same (microcontroller micro\$1controller) same (timer with capacitor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 16:45
S83	3	breaker same (microcontroller micro\$1controller) same (timer with capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:45
S84	21	breaker same (microcontroller micro\$1controller) same (capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:47
S85	1980	(power near loss lose).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:48

## EAST Search History

S86	22	(power near loss lose).ti. and capacitor same (microcontroller controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:54
S87	14	(power near loss lose).ti. and circuit adj breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:55
S88	221508	(power near loss lose).ti. and cground fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:55
S89	221587	(power near loss lose).ti. and ground fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:56
S90	2	(power near loss lose).ti. and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:56
S91	374	(power near loss lose) and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:56
S92	187	(power near loss lose) and ground adj fault and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:57
S93	71	(power near loss lose) and ground adj fault and capacitor and timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:57

## EAST Search History

S94	116	(power near loss lose) and ground adj fault and capacitor same (tim\$3 interval\$1 sampl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 16:59
S95	19	(power near loss lose) and ground adj fault and capacitor same (tim\$3 interval\$1 sampl\$3) same (I\$10 input\$1output input adj output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:08
S96	11	power adj interruption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:12
S97	7554	power adj (interruption interruption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:13
S98	161	power adj (interruption interruption) and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:13
S99	2	power adj (interruption interruption) and ground adj fault and (microcontroller micro\$1controller) and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:15
S10 0	67	power adj (interruption interruption) and ground adj fault and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:15
S10 1	0	power adj (interruption interruption) and ground adj fault and (analog adj memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:17

## EAST Search History

S10 2	3	power adj (interruption interruption) and (analog adj memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 17:17
S10 3	54	microcontroller and resonant and pulse and current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 10:19
S10 4	1	microcontroller and resonant and pulse and current adj transformer and dampen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 10:19
S10 5	54	microcontroller and resonant and pulse and current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 10:19
S10 6	2	"4,001,646".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 10:23
S10 7	18	("3786356"   "3794884"   "3801871"   "3879639"   "3963959"   "4001646"   "4012668").PN. OR ("4150411").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:23
S10 8	14	("3638072"   "3713003"   "3800189").PN. OR ("3879639"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:58
S10 9	21	(microcontroller micro\$1controller) and grounded near neutral and ground adj fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:59
S11 0	18	("3786356"   "3794884"   "3801871"   "3879639"   "3963959"   "4001646"   "4012668").PN. OR ("4150411").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:35
S11 1	109161	grounded adj neutral and ground fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:35
S11 2	379	grounded adj neutral and ground adj fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:35

## EAST Search History

S11 3	36	grounded adj neutral and ground adj fault and digital	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:35
S11 4	42	grounded adj neutral and ground adj fault and (digital microcontroller micro\$1controller)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:36
S11 5	75	grounded adj neutral and ground adj fault and (digital microcontroller micro\$1controller processor microprocessor micro\$1processor controller)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:36
S11 6	16	grounded adj neutral and ground adj fault and (digital microcontroller micro\$1controller processor microprocessor micro\$1processor controller) and single with (transformer ct)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:39
S11 7	10	grounded adj neutral and ground adj fault and (digital microcontroller micro\$1controller processor microprocessor micro\$1processor controller) and single with (transformer ct) and frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:42
S11 8	3	grounded adj neutral and temperature adj compensation and (digital microcontroller micro\$1controller processor microprocessor micro\$1processor controller) and single with (transformer ct) and frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:45
S11 9	12	grounded adj neutral and temperature and (digital microcontroller micro\$1controller processor microprocessor micro\$1processor controller) and single with (transformer ct) and frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:46
S12 0	268	current adj transformer and temperature adj compensation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:47
S12 1	188	current adj transformer and temperature adj compensation and frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:47
S12 2	48	current adj transformer and temperature adj compensation and frequency and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:47
S12 3	4	current adj transformer same temperature adj compensation and frequency and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:48

## EAST Search History

S12 4	1	current adj transformer same temperature adj compensation same frequency and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:49
S12 5	105	temperature adj compensation same frequency and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:49
S12 6	9	temperature adj compensation same frequency same fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:51
S12 7	0	(square adj d).as. and transfromer same compensation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:51
S12 8	14	(square adj d).as. and transformer same compensation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:52
S12 9	27	(square adj d).as. and grounded adj neutral	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:54
S13 0	0	single adj transfromer near current same grounded adj neutral	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:56
S13 1	45	neutral near fault and oscillation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:57
S13 2	16	neutral near fault same oscillation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:57
S13 3	36	neutral near fault same oscillat\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:57
S13 4	43	neutral near fault same oscillat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 11:57
S13 5	13	neutral near fault same oscillat\$3 same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 12:00
S13 6	307	burden adj resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 12:04

## EAST Search History

S13 7	1572	resonat\$3 same winding same capacitor same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 12:04
S13 8	0	resonat\$3 same winding same capacitor same frequency same "361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 12:05
S13 9	15	resonat\$3 same winding same capacitor same frequency same fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 12:05
S14 0	90	resonat\$3 same winding same capacitor same frequency and "361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/17 12:05
S14 1	18	("3786356"   "3794884"   "3801871"   "3879639"   "3963959"   "4001646"   "4012668").PN. OR ("4150411").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:30
S14 2	1	10/687068	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:33
S14 3	15996	frequency adj reference	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:33
S14 4	1000	frequency adj reference same temperature	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:33
S14 5	0	frequency adj reference same temperature same current adj transformer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:33
S14 6	0	frequency adj reference same temperature and grounded adj neutral	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:34
S14 7	12	frequency adj reference same temperature and "361".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:34
S14 8	30	frequency adj reference same temperature and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:35

## EAST Search History

S14 9	42	frequency adj reference same temperature adj compensation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:37
S15 0	1804247	x	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 12:35
S15 1	11	sircom.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:30
S15 2	3667	core same temperature same varies	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:30
S15 3	622	core same temperature same varies same frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:30
S15 4	0	core same temperature same varies same frequency same microcontroller	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:31
S15 5	622	core same temperature same varies same frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:31
S15 6	79	core same temperature same varies same frequency same compensate	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:31
S15 7	0	core same temperature same varies same frequency same compensate same ground adj fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:31
S15 8	0	core same temperature same varies same frequency same compensate and ground adj fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:31
S15 9	0	core same temperature same varies same frequency same compensate and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:32
S16 0	4	core same temperature same frequency same compensate and fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:34
S16 1	1243	inductance same varies same temperature	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:34
S16 2	332	inductance same varies same temperature same core	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:36
S16 3	149	324/721.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:37



## EAST Search History

S16 4	0	324/721.ccls. and permiability	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:37
S16 5	6	324/721.ccls. and core	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:37
S16 6	7	("4954776"   "4956606"   "5115193"   "5332996"   "5351003"   "5381090"   "5914593").PN. OR ("6828779").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 15:33
S16 7	1	ferrite adj core same temperature adj dependance	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 15:34
S16 8	812	ferrite adj core same temperature	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 15:34
S16 9	224	ferrite adj core same temperature same frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 15:35
S17 0	8	ferrite adj core same temperature same frequency same threshold	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 15:35
S17 1	56	currie adj temperature	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 15:47
S17 2	393	current adj transformer with temperature	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 15:47
S17 3	17	current adj transformer with temperature with frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:25
S17 4	86	frequency adj measurement and current adj transformer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:26
S17 5	32	frequency adj measurement and current adj transformer and inductance	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:30
S17 6	18	frequency adj measurement same copper	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:31
S17 7	0	frequency adj measurement same copper same fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:31
S17 8	26	frequency adj measurement same fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:31

## EAST Search History

S17 9	6	("4857856"   "5396172"   "5455506"   "6466034"   "6535000"   "6549017").PN. OR ("7034547"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:39
S18 0	22	(324/546 324/547).ccls. and ground adj fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 16:40
S18 1	117	("2808566"   "2832642"   "3471784"   "3538241"   "3588611"   "3600502"   "3622872"   "3684955"   "3746930"   "3775675"   "3812337"   "3858130"   "3869665"   "3878460"   "3911323"   "3914667"   "3932790"   "3939410"   "4074193"   "4081852"   "4087744"   "4156846"   "4169260"   "4214210"   "4245187"   "4251846"   "4264856"   "4316187"   "4354154"   "4356443"   "4387336"   "4459576"   "4466071"   "4616200"   "4639817"   "4642733"   "4644439"   "4652867"   "4658322"   "4697218"   "4702002"   "4707759"   "4771355"   "4810954"   "4833564"   "4835648"   "4845580"   "4853818"   "4858054"   "4866560"   "4882682"   "4893102"   "4901183"   "4922368"   "4931894"   "4939495"   "4949214"   "4969063"   "5047724"   "5051731"   "5121282"   "5168261"   "5185684"   "5185685"   "5185686"   "5185687"   "5206596"   "5208542"   "5223795"   "5224006"   "5257157"   "5280404"   "5286933"   "5307230"   "5334939"   "5353014"   "5359293"   "5363269"   "5383084"   "5388021"   "5420740"   "5434509"   "5444424"   "5446431"   "5448443"   "5459630"   "5483211"   "5485093"   "5493278"   "5506789"   "5510946"   "5512832"   "5519561"   "5546266"   "5561605"   "5568371"   "5578931"   "5590012"   "5602709"   "5608328"   "5657244"   "5659453"   "5691869"   "5729145"   "5835319"   "5835321"   "H000536"   "Re30678").PN. OR ("6313642"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 17:18

## EAST Search History

S18 2	1	"4001646".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 17:42
S18 3	14	("3786356"   "3794884"   "3801871"   "3879639").PN. OR ("4001646").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 17:43
S18 4	49	ground with neutral with fault and (half\$1wave half adj wave) and (ring\$3 oscillat\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 17:45
S18 5	43	ground with neutral with fault and (half\$1wave half adj wave) and (ring\$3 oscillat\$3) and frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 17:46
S18 6	374	modified adj threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:06
S18 7	0	modified adj threshold and ground adj neutral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:06
S18 8	1	modified adj threshold and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:09
S18 9	7	variable adj threshold and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:12
S19 0	2	preprogrammed same threshold and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:12
S19 1	52	preprogrammed same threshold and trip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:13

## EAST Search History

S19 2	441	ambient same threshold and trip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:13
S19 3	0	ambient same threshold and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:13
S19 4	647	ambient same threshold and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:13
S19 5	221628	ambient same threshold same alterand fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:13
S19 6	1	ambient same threshold same alter and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:15
S19 7	0	ambient same threshold same modify and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:15
S19 8	3	ambient same threshold same update and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:16
S19 9	101	ambient same threshold same temperature adj sensor and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:16

## EAST Search History

S20 0	1	ambient same threshold same temperature adj sensor same adjust and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:17
S20 1	0	ambient same threshold same temperature adj sensor and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:17
S20 2	17	ambient same threshold same temperature adj sensor and breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:18
S20 3	255	ground adj fault and temperature adj sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:20
S20 4	56	ground adj fault and temperature adj compensation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 09:20
S20 5	29636	temperature adj variation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:10
S20 6	36	temperature adj variation with ferrite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:10
S20 7	11	temperature adj variation with microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:11

## EAST Search History

S20 8	1	temperature adj variation with microcontroller with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:14
S20 9	12	("3891980"   "4760490"   "4868915"   "4871204"   "5467022"   "5621290"   "5880538").PN. OR ("6429782").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:13
S21 0	2	temperature adj variation same microcontroller same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:15
S21 1	3014	temperature adj compensationsame microcontroller same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:15
S21 2	4	temperature adj compensation same microcontroller same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:20
S21 3	21	(324/225 324/684 324/685).ccls. and (microcontroller micro-controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:25
S21 4	2	areva.as. and ryder.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:27
S21 5	489	microcontroller same grounded neutral same ground adj fault same delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:28

## EAST Search History

S21 6	422	microcontroller same grounded neutral same ground adj fault same delay same current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:28
S21 7	376	microcontroller same grounded neutral same ground adj fault same delay same single adj current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:29
S21 8	0	microcontroller same grounded adj neutral same ground adj fault same delay same single adj current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:29
S21 9	2	microcontroller same grounded adj neutral same ground adj fault same single adj current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:29
S22 0	2	microcontroller same grounded adj neutral same ground adj fault and single adj current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:30
S22 1	2	microcontroller and grounded adj neutral same ground adj fault and single adj current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:30
S22 2	2	micro\$1controller and grounded adj neutral same ground adj fault and single adj current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:31
S22 3	8	micro\$1controller and grounded adj neutral same ground adj fault and current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:34

## EAST Search History

S22 4	8	micro\$1controller and ground near neutral same ground adj fault and current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:49
S22 5	15	micro\$1controller and ground near neutral and ground adj fault and current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:37
S22 6	7	micro\$1controller and ground near neutral and ground adj fault and current adj transformer not S224	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:37
S22 7	141	single adj current adj transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:38
S22 8	0	single adj current adj transformer and neutral near2 fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:38
S22 9	4	single adj current adj transformer and neutral near2 fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:38
S23 0	7	("3786356"   "3794884"   "3801871"   "3879639"   "3963959"   "4001646"   "4012668").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:38
S23 1	18	("3786356"   "3794884"   "3801871"   "3879639"   "3963959"   "4001646"   "4012668").PN. OR ("4150411").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:38
S23 2	12	("3611035"   "3638072"   "3713003"   "3732463"   "3772569"   "3800189").PN. OR ("4012668").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:42



## EAST Search History

S23 3	14	("3213321"   "3353065"   "3522478"   "3535590"   "3713003").PN. OR ("3963959"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:44
S23 4	14	("3638072"   "3713003"   "3800189").PN. OR ("3879639"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:44
S23 5	12	("3597656"   "3638072"   "3713003").PN. OR ("3794884"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:46
S23 6	2	ground adj fault same neutral near ground same microcontroller	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 10:46
S23 7	2	"4,833,564" .pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:49
S23 8	53	("3683302"   "3736468"   "3787708"   "3852642"   "3859567"   "3936699"   "4002951"   "4031431"   "4051544"   "4216515"   "4216516"   "4255773"   "4353103"   "4473859"   "4540859"   "4714975"   "4742422"   "4816957"   "4829390"   "4833564"   "5363269"   "5394289"   "5459630"   "5477412"   "5600524"   "5642052"   "5715125"   "5966280"   "5978191").PN. OR ("6262871").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 13:57
S23 9	1	10/687068	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 14:11
S24 0	1	"4150411".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 14:12
S24 1	1	"6262871".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 14:12
S24 2	1	"5675336".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/18 14:13

## EAST Search History

S24 3	53	("3683302"   "3736468"   "3787708"   "3852642"   "3859567"   "3936699"   "4002951"   "4031431"   "4051544"   "4216515"   "4216516"   "4255773"   "4353103"   "4473859"   "4540859"   "4714975"   "4742422"   "4816957"   "4829390"   "4833564"   "5363269"   "5394289"   "5459630"   "5477412"   "5600524"   "5642052"   "5715125"   "5966280"   "5978191").PN. OR ("6262871").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 10:49
S24 4	61	ground adj fault and microcontroller and ground near2 neutral	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 10:55
S24 5	264	ground adj fault and microcontroller	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 13:44
S24 6	7413	design same temperature same parameters	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 13:45
S24 7	0	design same temperature same parameters same ground adj fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 13:45
S24 8	13	design same temperature same parameters and ground adj fault	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 16:33
S24 9	66186	breaker	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 16:33
S25 0	1	10/867068	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:02
S25 1	1	10/687068	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:10
S25 2	4	temperature adj diode and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:11

## EAST Search History

S25 3	255	temperature adj sensor and ground adj fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:14
S25 4	91	temperature adj sensor and ground adj fault and transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:14
S25 5	29	temperature adj sensor and ground adj fault and transformer and "361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:16
S25 6	5	temperature adj sensor same transformer and ground adj fault and "361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:16
S25 7	253	(324/684 324/685).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 11:30
S25 8	4838	memory same control\$3 same timing same interval	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:38
S25 9	21613	timing with sampling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:38
S26 0	1334	timing with sampling with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:38

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S26 1	24	timing with sampling with memory with charge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:47
S26 2	32	rc adj time adj constant with switch with timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:51
S26 3	5	rc adj circuit with switch with timing with gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:52
S26 4	87	rc adj circuit with switch with timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:55
S26 5	9	rc adj circuit with switch with sampling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:00
S26 6	2	memory adj controlled adj sampl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:01
S26 7	0	RC adj controlled adj sampl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:01
S26 8	0	RC near controlled near sampl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:01

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S26 9	0	RC near controlled near swithing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:01
S27 0	2882	analog adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:01
S27 1	148	analog adj memory with sampling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:09
S27 2	167	341/123.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:10
S27 3	1	341/123.ccls. and analog adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:10
S27 4	6	341/123.ccls. and rc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 11:10